

CLAIM AMENDMENTS

1 1. (currently amended) A mine-detonation- resistant
2 understructure for a vehicle body, the understructure comprising:
3 a one-piece armoring bottom plate bent inwardly toward
4 the interior of the body and mounted on said body, extending
5 over the entire floor thereof and juxtaposed with the ground, said
6 bottom plate being formed with at least one bending edge extending
7 in a longitudinal direction of said body;
8 a floorboard spaced above said bottom plate by a distance
9 sufficient to avoid contact with said plate upon mine-blast
10 buckling of said bottom plate and mounted on said body without a
11 direct connection with said bottom plate; and
12 a deformation free space formed between said bottom plate
13 and said floorboard of a height sufficient to permit inward
14 buckling of said bottom plate under a mine detonation without
15 contact of said bottom plate with said floorboard.

1 2. (original) The mine-detonation resistant
2 understructure defined in claim 1 wherein said floorboard is formed
3 at least in part of a material providing fragment trapping
4 properties thereto.

1 3. (original) The mine-detonation resistant
2 understructure defined in claim 2 wherein said floorboard is
3 provided with a fragment trapping carpet of a flexible high

4 strength material to prevent incursion fragments into the interior
5 of said body.

1 4. (original) The mine-detonation resistant
2 understructure defined in claim 3 wherein said carpet is composed
3 of a plurality of layers of an aramide fabric.

1 5. (original) The mine-detonation resistant
2 understructure defined in claim 3 wherein said carpet is secured to
3 said floorboard only at edge regions thereof.

1 6. (original) The mine-detonation resistant
2 understructure defined in claim 2 wherein said floorboard is
3 provided with a slip-resistant material along an upper surface
4 thereof.

1 7. (original) The mine-detonation resistant
2 understructure defined in claim 6 wherein said slip-resistant
3 material is a rubber layer.

1 8. (original) The mine-detonation resistant
2 understructure defined in claim 1 wherein said floorboard is
3 mounted in said body so as to be easily dismountable.

1 9. (original) The mine-detonation resistant
2 understructure defined in claim 8 wherein said floorboard is
3 attached to side walls of said body by screws.

1 10. (original) The mine-detonation resistant
2 understructure defined in claim 1, further comprising modular armor
3 plates mounted along an underside of said bottom plate.

1 11. (original) The mine-detonation resistant
2 understructure defined in claim 10 wherein guide rails are provided
3 along edges of said bottom plate to receive said modular armoring
4 plates.

1 12. (original) The mine-detonation resistant
2 understructure defined in claim 11, further comprising connecting
3 strips in the form of rails between individual modular armor
4 plates.

1 13. (previously presented) A mine-detonation-resistant
2 understructure for a vehicle body, comprising:

3 an armoring bottom plate bent inwardly into said body,
4 mounted on said body in juxtaposition with the ground and formed in
5 a longitudinal direction of the vehicle with at least one bending
6 edge;

7 a floorboard spaced above said bottom plate and mounted
8 on said body without a direct connection with said bottom plate;

9 a deformation free space formed between said bottom plate
10 and said floorboard of a height sufficient to permit inward
11 buckling of said bottom plate under a mine detonation without
12 contact of said bottom plate with said floorboard;

13 modular armor plates mounted along an underside of said
14 bottom plate;

15 guide rails being provided along edges of said bottom
16 plate to receive said modular armoring plates;

17 connecting strips in the form of rails between individual
18 modular armor plates; and

 pins engaging into edge regions of said armor plates and
into said connecting strips and said guide rails.

1 14. (original) The mine-detonation resistant
2 understructure defined in claim 13 wherein said armor plates and
3 said strips and rails have aligned holes to receive said pins.

1 15. (original) The mine-detonation resistant
2 understructure defined in claim 14 wherein at least some of said
3 pins are screws threaded into the distal sides of the guide rails
4 and connecting strips.

1 16. (original) The mine-detonation resistant
2 understructure defined in claim 14 wherein said pins are composed
3 of high strength material.

17. (original) The mine-detonation resistant understructure defined in claim 14 wherein said pins are fixed by screw thread devices in holes in said armor plates, said strips or said rails.